

L Number	Hits	Search Text	DB	Time stamp
6	15	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) same (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6) same availabl\$3 ("6324161").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/30 12:59
9	2		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/30 12:33
-	20913	distributed near1 (system or network\$3 or servers)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 18:58
-	3147	(heart?beat or alive or availability) near2 (signal or messag\$3 or notification)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 18:57
-	5316	(709/223-226).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 18:56
-	1136	(709/201).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 18:57
-	6273	((709/223-226).ccls.) or ((709/201).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 18:57
-	23409	(distributed or cluster or redandan\$3) near1 (system or network\$3 or servers)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:41
-	342	((distributed or cluster or redandan\$3) near1 (system or network\$3 or servers)) and ((heart?beat or alive or availability) near2 (signal or messag\$3 or notification))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:00
-	8	((distributed or cluster or redandan\$3) near1 (system or network\$3 or servers)) and ((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)) and time?stamp\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:00
-	31	((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)) and time?stamp\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:05
-	17384	fail\$5 near5 detection	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:06

	170	((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)) and (fail\$5 near5 detection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 11:23
	45	((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)) same (measur\$5 or calculat\$5 or obtain\$4 or find\$3) near3 (time or period or difference or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:20
	344	((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)) same (current near\$3 (time or period) with (last or latest or recent\$3 or past or before) near3 (time or period or difference or interval))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:38
	1345	server near3 availability	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:34
	10	((((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)) same (current near\$3 (time or period) with (last or latest or recent\$3 or past or before) near3 (time or period or difference or interval))) and (server near3 availability))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:26
	8644	(server\$1 or cluster\$1 or enterprise or system) near3 availability	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:36
	67969	(server\$1 or cluster\$1 or enterprise or system) near3 (availability or fail\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 11:25
	6905	((server\$1 or cluster\$1 or enterprise or system) near3 (availability or fail\$5)) same (current near\$3 (time or period) with (last or latest or recent\$3 or past or before) near3 (time or period or difference or interval))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:39
	7788	((server\$1 or cluster\$1 or enterprise or system) near3 (availability or fail\$5)) and (current near\$3 (time or period) with (last or latest or recent\$3 or past or before) near3 (time or period or difference or interval)) with (measur\$5 or calculat\$5 or difference)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:42
	120	((((server\$1 or cluster\$1 or enterprise or system) near3 (availability or fail\$5)) same (current near\$3 (time or period) with (last or latest or recent\$3 or past or before) near3 (time or period or difference or interval))) and ((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/27 19:41

	32	((server\$1 or cluster\$1 or enterprise or system) near3 (availability or fail\$5)) and (current near\$3 (time or period) with (last or latest or recent\$3 or past or before) near3 (time or period or difference or interval)) with (measur\$5 or calculat\$5 or difference)) and (((server\$1 or cluster\$1 or enterprise or system) near3 (availability or fail\$5)) same (current near\$3 (time or period) with (last or latest or recent\$3 or past or before) near3 (time or period or difference or interval))) and ((heart?beat or alive or availability) near2 (signal or messag\$3 or notification)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:34
-	53374	((heart?beat or alive or availability or unavailable or fail\$5) near2 (signal or messag\$3 or notification or timeout or time?out or period or time))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 12:54
-	5963	((heart?beat or alive or availability or unavailable or fail\$5) near2 (signal or messag\$3 or notification or timeout or time?out or period or time))) near5 (server\$1 or cluster\$1 or enterprise or system or node)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 12:55
-	471	((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or system or node) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 14:33
-	58	((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or system or node) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)) and (available or unavailable or fail\$5 or partition\$3 or break\$5 or dead or off or (out near1 service)) near3 (signal or messag\$3 or notification or timeout or time?out or period or time) near5 (exceed or limit or more or extended)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 12:51
-	9	((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or system or node) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)) and (available or unavailable or fail\$5 or partition\$3 or break\$5 or dead or off or (out near1 service)) near5 (signal or messag\$3 or notification or timeout or time?out) near3 (period or time or interval or beteen) near5 (exceed or limit or more or extended)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 11:55
-	3	("9750009").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/28 11:59

	51	((((Heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or system or node) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)) and (available or unavailable or fail\$5 or partition\$3 or break\$5 or dead or off or (out near1 service)) near3 (signal or messag\$3 or notification or timeout or time?out or period or time) near5 (exceed or limit or more or extended) not (((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or system or node) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)) and (available or unavailable or fail\$5 or partition\$3 or break\$5 or dead or off or (out near1 service)) near5 (signal or messag\$3 or notification or timeout or time?out) near3 (period or time or interval or beteen) near5 (exceed or limit or more or extended))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 12:00
-	27	("4494717" "4760330" "5072447" "5081598" "5291593" "5295256" "5313630" "5337262" "5341478" "5390325" "5414812" "5421004" "5438673" "5453933" "5499365" "5504892" "5537653" "5564048" "5602990" "5606661" "5745675" "5812529" "5881237" "5889785" "6233073" "6269330" "6373819").PN.	USPAT	2003/06/28 12:03
-	0	6560720.URPN.	USPAT	2003/06/28 12:04
-	6	6243838.URPN.	USPAT	2003/06/28 12:12
-	4	6170067.URPN.	USPAT	2003/06/28 12:33
-	1	5959969.URPN.	USPAT	2003/06/28 12:43
-	1521	(server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:36
-	66	(stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same ((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:19

	723	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) and (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:35
	3	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) and (workload or load) near5 (server or node or network\$3) near5 (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 13:13
	199	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) same (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 14:29
	63	(workload or load) near5 (server or node or network\$3) near5 (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 13:13
	65	(workload or load) near5 (server or node or network\$3 or cluster or distributed) near5 (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 14:30
	3	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) same (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6) and ((workload or load) near5 (server or node or network\$3 or cluster or distributed) near5 (timeout or time?out or notification or alive or message) near5 (time or period or interval))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 13:16

	10	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) same (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6)) and ((stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same ((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 13:16
	1	5913035.URPN.	USPAT	2003/06/28 13:25
	15	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) same (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6)) same availabl\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/30 12:04
	3	6259705.URPN.	USPAT	2003/06/28 14:17
	59	((workload or load) near5 (server or node or network\$3 or cluster or distributed) near5 (timeout or time?out or notification or alive or message) near5 (time or period or interval)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 14:31
	66	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) same (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 14:31
	321	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 14:39

	76	((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or node) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:21
-	147	((heartbeat or heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or node or application) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 14:37
-	45	((((heartbeat or heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (server\$1 or cluster\$1 or enterprise or node or application) with (measur\$5 or calculat\$5 or subtract\$5 or difference or compar\$5)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:30
-	15	5737311.URPN.	USPAT	2003/06/28 14:57
-	25	((stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same ((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal))) and (((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) and (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:09
-	2013	(heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:26
-	17016	application near2 servers	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:26
-	63002	(availabl\$5 or fail\$5) near3 (signal or messsge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/28 15:26

		172 ((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and (application near2 servers)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:28
		7 ((availabl\$5 or fail\$5) near3 (signal or messsge)) and (((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and (application near2 servers))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:27
	604	((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and ((availabl\$5 or fail\$5) near3 (signal or messsge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:14
	7	(application near2 servers) and (((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and ((availabl\$5 or fail\$5) near3 (signal or messsge)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:28
	93	((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and (application near2 servers)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 15:31
	81	((((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and (application near2 servers)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)) and (notification or time?out or timeout or message or signal) near3 (time or period or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 16:28

	56	((((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and (application near2 servers)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)) and (notification or time?out or timeout or message or signal) near3 (time or period or interval)) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 16:33
-	42	((((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and (application near2 servers)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)) and (notification or time?out or timeout or message or signal) near3 (time or period or interval)) and (recent or last or latest) near5 (message or signal or time or period)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 16:32
-	27	(((((heartbeat or heart?beat or alive or availability or unavailable or fail\$5) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near3 (signal or messag\$3 or notification or timeout or time?out or period or time or time?stamp or timestamp) same (database or data? base or table)) and (application near2 servers)) and (timeout or time?out or notification or alive or message) near5 (time or period or interval)) and (notification or time?out or timeout or message or signal) near3 (time or period or interval)) and (recent or last or latest) near5 (message or signal or time or period)) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:36
-	1923	(heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:38
-	552	high\$3 near3 (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:17
-	99	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) with (repeat\$5 or continu\$6 or active)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:32

-	2736	((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:33
-	0	(high\$3 near3 (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1))) and (((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) with (repeat\$5 or continu\$6 or active))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:33
-	0	(high\$3 near3 (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1))) and (((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) with (repeat\$5 or continu\$6 or active))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:33
-	1	(((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and (((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) with (repeat\$5 or continu\$6 or active))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:34
-	81	(((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and (high\$3 near3 (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:35
-	27	(((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and (((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:35

-	0	((((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and (high\$3 near3 (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1)))) and (((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 18:35
-	22	((((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))) and @ad<20000715)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:12
-	22	((((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))) and (((((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))) and @ad<20000715))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:10

	5 (((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))) not (((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))) and @ad<20000715)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:10
0	((high\$3 near3 (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1))) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:12
51	(((fault near1 toleran\$5) or loadbalanc\$3 or load?balanc\$5) near5 (network\$3 or server\$1 or node\$1 or cluster or distributed)) and (high\$3 near3 (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1)))) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:44
7	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) with (repeat\$5 or continu\$6 or active)) and (availabl\$5 or scal\$7) near3 (server\$1 or node\$1 or (application adj1 server\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:18
16	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and 709/226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:23

	6	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signals\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and 709/226.ccls. 3 6226684.URPN.	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:24
	723	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) and (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6)	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:31 2003/06/28 19:38
	1521	(server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:33
	21	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signals\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and ((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal))	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:41
	12	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signals\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and (((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) and (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6))	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 19:41

	7	((heart?beat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and (((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal)) and (server\$1 or cluster\$1 or enterprise or node on network\$3) near3 (determin\$4 or indicat\$6))) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:12
	38	5974453.URPN.	USPAT	2003/06/28 19:54
	2	("6324161").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:12
	1	6324161.URPN.	USPAT	2003/06/28 20:29
	1	6324161.URPN.	USPAT	2003/06/28 20:30
	106	(server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal) same (measure or indication)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:36
	544	(heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 21:30
	85	(monitor\$5 or track\$6) near3 server\$1 near3 (availability or availbl\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:44
	0	((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal) same (measure or indication)) and 6324161.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:42

	1 ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and ((monitor\$5 or track\$6) near3 server\$1 near3 (availability or availbl\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:44
	1 ((server\$1 or cluster\$1 or enterprise or node on network\$3) near5 ((heart?beat or alive or availability or unavailable or fail\$5 or fault) near3 (signal or messag\$3 or notification or timeout or time?out or period or time)) near5 (notification or signal) same (measure or indication)) and ((monitor\$5 or track\$6) near3 server\$1 near3 (availability or availbl\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:46
-	600 (monitor\$5 or track\$6) near3 server\$1 near3 (availability or availbl\$6 or operational or servic\$5 or active or fault?toleran\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:47
-	3 ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and ((monitor\$5 or track\$6) near3 server\$1 near3 (availability or availbl\$6 or operational or servic\$5 or active or fault?toleran\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:46
-	3529 (monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1) near3 (availability or availbl\$6 or operational or servic\$5 or active or fault?toleran\$5 or performance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 20:52
-	8 ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1) near3 (availability or availbl\$6 or operational or servic\$5 or active or fault?toleran\$5 or performance))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 21:25
-	3694 (monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or fault?toleran\$5 or performance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/06/28 21:27

	8	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or fault?toleran\$5 or performance))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 21:25
	5141	(monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or performance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 21:30
	5365	(monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:16
	634	(heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 21:54
	10	((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 21:45
	58	(heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6) with respons\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:51

-	709	alive near3 (signal or message)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 21:53
-	117	(heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/29 11:27
-	0	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6) with respons\$6) and (alive near3 (signal or message))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:02
-	1	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (alive near3 (signal or message))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:02
-	1	709/224-226	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:42
-	3903	(709/224-226).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:43
-	41	((709/224-226).ccls.) and (alive near3 (signal or message))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:48
-	23	((709/224-226).ccls.) and (alive near3 (signal or message))) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:56

	5	((709/224-226).ccls.) and ((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:46
	14	((709/224-226).ccls.) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:48
	5	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (duration or interval or period or time or time?stamp or timestamp or duration) near5 (calculat\$6 or difference or measur\$5 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:55
	21	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (duration or interval or period or time or time?stamp or timestamp or duration) near5 (heartbeat or heart?beat or timeout or duration)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 22:55
	8	((((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (duration or interval or period or time or time?stamp or timestamp or duration) near5 (heartbeat or heart?beat or timeout or duration)) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:04

	13	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (duration or interval or period or time or time?stamp or timestamp or duration) near5 (heartbeat or heart?beat or timeout or duration)) not (((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (duration or interval or period or time or time?stamp or timestamp or duration) near5 (heartbeat or heart?beat or timeout or duration)) and @ad<20000715)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:02
	70	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (duration or interval or period or time or time?stamp or timestamp or duration) near5 (heartbeat or heart?beat or timeout or duration)) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:43
	5916	(monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availabl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3) (server\$1 and (availability or available or operational or operation)).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:21
	17969		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:23
	8	(heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:28

	281	((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3)) and ((server\$1 and (availability or available or operational or operation)).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:23
	6	((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3)) and ((server\$1 and (availability or available or operational or operation)).ab.)) and ((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:23
	385	(detect\$6 or determin\$6) near5 (server\$1 or node or web or database or application) near3 (server\$1) near5 fail\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:31
	2756	(detect\$6 or determin\$6) near5 (server\$1 or node or web or database or application) near5 fail\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:33
	1	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and ((detect\$6 or determin\$6) near5 (server\$1 or node or web or database or application) near3 (server\$1) near5 fail\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:37
	1	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and ((detect\$6 or determin\$6) near5 (server\$1 or node or web or database or application) near5 fail\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:34

	2	((heartbeat or heart?beat or notification or alive) with (availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:37
	42	((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:42
	13	((detect\$6 or determin\$6) near5 (server\$1 or node or web or database or application) near5 fail\$3) and (((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:38
	32	(((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3))) and (measur\$5 or calculat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:47

	17	((((Heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3))) and (measur\$5 or calculat\$6)) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:59
	15	((((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3))) and (measur\$5 or calculat\$6)) not (((((heartbeat or heart?beat or alive or availab\$5 or unavailable or fail\$5 or notification or time?out or timeout) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp)) and ((monitor\$5 or track\$6 or measur\$5) near3 (network\$4 or web or www or server\$1 or node or cluster or application) near3 (reliab\$6 or availability or availbl\$6 or operational or servic\$5 or active or (fault near1 toleran\$5) or responsiv\$5 or performance or fail\$5 or partition\$3))) and (measur\$5 or calculat\$6)) and @ad<20000715)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:48
	34	((detect\$6 or determin\$6) near5 (server\$1 or node or web or database or application) near5 fail\$3) and (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) with (calculat\$6 or difference or measur\$5 or indicat\$6) with respons\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:54
	23	((detect\$6 or determin\$6) near5 (server\$1 or node or web or database or application) near5 fail\$3) and (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) with (calculat\$6 or difference or measur\$5 or indicat\$6) with respons\$6) and @ad<20000715	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/28 23:59
-	0	6567937.URPN.	USPAT	2003/06/29 00:03

-	116	(heartbeat or heart?beat or notification or alive) with (notification or time?out or timeout or limit\$5 or bound\$3) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/29 11:34
-	58	((heartbeat or heart?beat or notification or alive) with (notification or time?out or timeout or limit\$5 or bound\$3) near5 (record\$3 or stor\$3 or sav\$3 or database or data? base or table or list\$3) near5 (signal\$3 or messag\$3 or notification or timeout or time?out) near5 (duration or interval or period or time or time?stamp or timestamp) same (calculat\$6 or difference or measur\$5 or indicat\$6)) and (repeat\$4 or contin\$6 or periodic\$3 or several or many) near5 (heartbeat or heart?beat or notification or alive or signal\$3 or messag\$3 or notification or interval)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/29 11:39